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Amendments to the Claims

Please amend the claims as follows:

- 1-11. (Canceled).
12. (New) A process to generate heat, the process comprising:
supplying fuel comprising Fischer-Tropsch derived fuel to an evaporation surface
of a burner without atomizing the fuel into small droplets under pressure;
evaporating at least a portion of the fuel into space surrounding the evaporation
surface, producing evaporated fuel; and,
combusting at least a portion of the evaporated fuel with oxygen-containing gas to
generate heat.
13. (New) The process of claim 12 comprising supplying the fuel to the evaporation
surface comprising a wick.
14. (New) The process of claim 12 comprising supplying the fuel to openings
through one or more fuel supply conduits.
15. (New) The process of claim 12 further comprising producing a reduced unburned
hydrocarbon content compared to combusting a petroleum derived kerosene fuel under
the same conditions using the same burner.
16. (New) The process of claim 12 further comprising producing reduced carbon
monoxide emissions compared to combusting a petroleum derived kerosene fuel under
the same conditions using the same burner.
17. (New) The process of claim 16 further comprising producing reduced carbon
monoxide emissions compared to combusting a petroleum derived kerosene fuel under
the same conditions using the same burner.
18. (New) The process of claim 12 further comprising producing a reduced Smoke
Number compared to combusting a petroleum derived kerosene fuel under the same
conditions using the same burner.
19. (New) The process of claim 17 further comprising producing a reduced Smoke
Number compared to combusting a petroleum derived kerosene fuel under the same
conditions using the same burner.

20. (New) The process of claim 12 further comprising producing increased efficiency compared to combusting a petroleum derived kerosene fuel under the same conditions using the same burner.
21. (New) The process of claim 19 further comprising producing increased efficiency compared to combusting a petroleum derived kerosene fuel under the same conditions using the same burner.
22. (New) The process of claim 12 wherein the Fischer-Tropsch derived fuel boils for more than 90 wt % between 160 °C. and 400 °C.
23. (New) The process of claim 12 wherein the Fischer-Tropsch derived fuel comprises a Fischer-Tropsch product which contains more than 80 wt % of iso and normal paraffins, less than 1 wt % aromatics, less than 5 ppm sulfur and less than 1 ppm nitrogen and wherein the density of the Fischer-Tropsch product is between 0.65 and 0.8 g/cm³ at 15 °C.
24. (New) The process of claim 12 wherein the Fischer-Tropsch derived fuel comprises more than 80 wt % of a Fischer-Tropsch product.
25. (New) The process one of claim 12 wherein the Fischer-Tropsch derived fuel comprises one or more additives.
26. (New) The process of claim 12, wherein the Fischer-Tropsch derived fuel comprises an additive selected from the group consisting of an odor marker, a color marker, and a combination thereof.
27. (New) The process of claim 12 wherein the fuel does not contain a metal-based combustion improver and the combusting produces a flame, the process further comprising accurately detecting the flame using an ionization sensor.
28. (New) The process of claim 24 wherein the fuel comprises a color marker and the combusting produces a flame, the process further comprising accurately detecting the flame using a yellow flame detector.
29. (New) The process of claim 12 wherein the Fischer-Tropsch Derived fuel comprises a mineral oil fraction and/or a non-mineral oil fraction.
30. (New) The process of claim 24 wherein the Fischer-Tropsch Derived fuel comprises a mineral oil fraction and/or a non-mineral oil fraction.